

# Converting Colors

Hex(762EFC)

Have a look what the booklet for  
Hex(762EFC) contains.

<b>Hex(762EFC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(762EFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	762EFC
RGB	118, 46, 252
RGB Percent	46%, 18%, 99%
CMY	0.5373, 0.8196, 0.0118
CMYK	0.53, 0.82, 0.00, 0.01
HSL	261°, 97%, 58%
HSV	261°, 82%, 99%
XYZ	26.0189, 12.8338, 93.2013
YIQ	91.0120, -23.2140, 79.3300

# Conversions

## Conversions Part 2

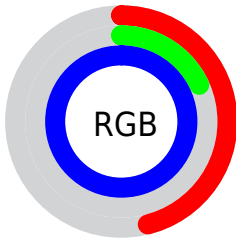
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 46, 252
Decimal	7745276
CIE <sub>Lab</sub>	42.51, 72.45, -89.01
CIE <sub>LCh</sub>	43, 114.770, 309.142
Yxy	12.8338, 0.1970, 0.0972
Android (android.graphics.Color)	4285935356 (0xFF762EFC)
YUV	91.0120, 79.3671, 23.6685
Hunter-Lab	35.8243, 66.9505, -129.1731

# Details

The Hex color **762EFC** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **B4FC2E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B667FF**, and **2A00C2** is the 20% darker color. If you saturate the color by 10%, you get **6615FC**, and if you desaturate by 10%, it is **8647FC**.

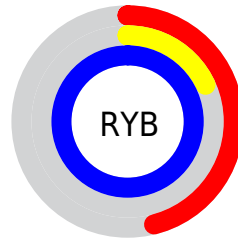
# Distribution



Red (46%)

Green (18%)

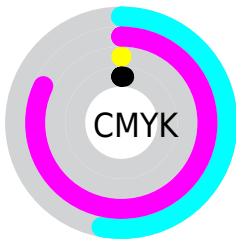
Blue (99%)



Red (46%)

Yellow (18%)

Blue (99%)

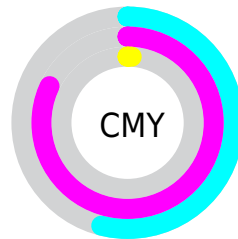


Cyan (53%)

Magenta (82%)

Yellow (0%)

Black (1%)



Cyan (54%)

Magenta (82%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 762EFC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 762EFC by changing the saturation by 10% instead.



 762EFC

 762EFC

FFFFFF

 5406DF

 B667FF

 2A00C2

 D582FF

 0000A6

 F49EFF

 00008A

 FFBAFF


 000070

 FFD7FF

 000C56

 FFF5FF

 00063E

 000327

 000110

■ 762EFC

■ 762EFC

■ 6615FC

■ 8647FC

■ 5800FC

■ 9760FC

■ A77AFC

■ B893FC

■ C8ACFC

■ D8C5FC

■ E9DEFC

■ F9F8FC

FFFFFC

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006CFF



762EFC



E100AA

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



762EFC



AE4200



008481

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



762EFC



B4FC2E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008112



762EFC



616B00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



762EFC



E50000



007B00



0086DD

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



762EFC



F9006C



007B00



00835F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



762EFC



D6BFFF



2EB7FC



675980



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



762EFC



5C05FF



DA2EFC



75707D



4200BD



15003D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FC2EB4



FF05A8



50FC2E



7D7079



BD007B

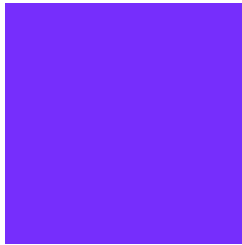


3D0028



# Previews

## White Background



This preview shows how the Hex color 762EFC looks on a white background.

## Color Contrast Check

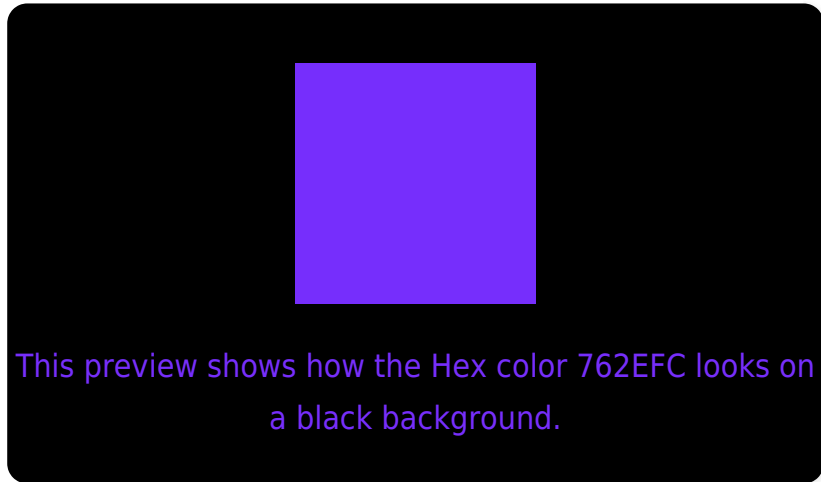
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

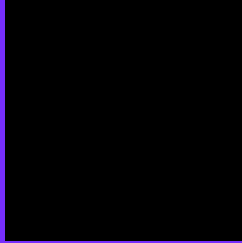
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 762EFC Background



This preview shows how black text looks on a background with the Hex color 762EFC.




This preview shows how white text looks on a background with the Hex color 762EFC.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
496971

# Trichromacy



**Original Color**

762EFC



**Protanomaly**

2B4EDD



**Deuteranomaly**

2B52CA



**Tritanomaly**

5954A4

# Monochromacy



**Original Color**

762EFC



**Achromatopsia**

5B5B5B



**Achromatomaly**

654B96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 762EFC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #762EFC looks like.

```
.text, #text, p{  
    color:#762EFC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #762EFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762EFC
}
```

## Border

The CSS property to change the border of an element to Hex 762EFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#762EFC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#762EFC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #762EFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762EFC; -webkit-box-shadow:4px 4px  
4px 4px #762EFC; box-shadow:4px 4px 4px  
4px #762EFC }
```

# Background

The CSS property to change the background color of an element to Hex 762EFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762EFC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#762EFC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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